# ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| ac | acres |
| ACHP | Advisory Council on Historic Preservation |
| AEI | area of environmental interest |
| ACM | articulated concrete mattress |
| AOCs | areas of concern |
| BAER | Burned Area Emergency Rehabilitation |
| BMP | best management practice |
| CEQ | Council on Environmental Quality |
| Ci | curies |
| cm | centimeters |
| DARHT | Dual-Axis Radiographic Hydrodynamic Test |
| DOE | (U.S.) Department of Energy |
| EA | environmental assessment |
| EIS | environmental impact statement |
| EPA | Environmental Protection Agency |
| ERT | (LANL) Emergency Rehabilitation Team |
| ft | feet |
| $ft^2$ | square feet |
| $ft^3$ | cubic feet |
| $ft^3/s$ | cubic feet per second |
| FY | fiscal year |
| gal. | gallons |
| ha | hectares |
| HSWA | Hazardous and Solid Waste Amendments |
| in. | inches |
| km | kilometers |
| l | liters |
| LAAO | Los Alamos Area Office |
| LANL | Los Alamos National Laboratory |
| m | meters |
| $m^2$ | square meters |
| $m^3$ | cubic meters |
| $m^3/h$ | cubic meters per hour |
| $m^3/s$ | cubic meters per second |
| MDA | material disposal area |
| mi | miles |
| $\mu g/m^3$ | micrograms per cubic meter |
| MOU | memorandum of understanding |
| mrem | millirem |
| NEPA | National Environmental Policy Act |
| NHPA | National Historic Preservation Act |
| NMED | New Mexico Environment Department |
| NPDES | National Pollutant Discharge Elimination System |
| NRHP | National Register of Historic Places |
| PCBs | polychlorinated biphenyls |
| the Plan | the LANL Emergency Rehabilitation Project Plan |
| PM-10 | particulate matter smaller than 10 microns |
| PRSs | potential contaminant release sites |
| RCRA | Resource Conservation and Recovery Act |
| RLW | radioactive liquid waste |
| ROD | record of decision |
| ROI | region of influence |
| SEA | special environmental analysis |
| SHPO | State Historic Preservation Office |
| SR | State Road |
| SWEIS | site-wide environmental impact statement |
| SWPP | Storm Water Pollution Prevention (Plan) |
| t | metric tons |
| T&E | threatened and endangered (species) |
| TA | technical area |

| | | | |
|---|---|---|---|
| TCPs | traditional cultural properties | USACE | (U.S. Army) Corps of Engineers |
| TSSs | total suspended solids | USFWS | U.S. Fish and Wildlife Service |
| UC | University of California | USLE | universal soil loss equation |
| U.S. | United States | $yd^3$ | cubic yards |

**EXPONENTIAL NOTATION**: Many values in the text and tables of this document are expressed in exponential notation. An exponent is the power to which the expression, or number, is raised. This form of notation is used to conserve space and to focus attention on comparisons of the order of magnitude of the numbers (see examples):

| | | |
|---|---|---|
| $1 \times 10^4$ | = | 10,000 |
| $1 \times 10^2$ | = | 100 |
| $1 \times 10^0$ | = | 1 |
| $1 \times 10^{-2}$ | = | 0.01 |
| $1 \times 10^{-4}$ | = | 0.0001 |

**Metric Conversions Used in this Document**

| Multiply | By | To Obtain |
|---|---|---|
| **Length** | | |
| inch (in.) | 2.50 | centimeters (cm) |
| feet (ft) | 0.30 | meters (m) |
| yards (yd) | 0.90 | meters (m) |
| miles (mi) | 1.60 | kilometers (km) |
| **Area** | | |
| acres (ac) | 0.40 | hectares (ha) |
| square feet ($ft^2$) | 0.09 | square meters ($m^2$) |
| square yards ($yd^2$) | 0.80 | square meters ($m^2$) |
| square miles ($mi^2$) | 2.60 | square kilometers ($km^2$) |
| **Volume** | | |
| gallons (gal.) | 3.80 | liters (L) |
| cubic feet ($ft^3$) | 0.03 | cubic meters ($m^3$) |
| cubic yards ($yd^3$) | 0.76 | cubic meters ($m^3$) |
| **Weight** | | |
| ounces (oz) | 29.60 | milliliters (ml) |
| pounds (lb) | 0.45 | kilograms (kg) |
| short ton (ton) | 0.90 | metric ton (t) |